

**Finland-Helsinki: Compressors**  
**OJ S 113/2019 14/06/2019**  
**Contract notice – utilities**  
**Supplies**

**Legal Basis:**

Directive 2014/25/EU

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**Section I: Contracting entity**

**I.1. Name and addresses**

Official name: Helen Ltd  
National registration number: 2630573-4  
Postal address: Kampinkuja 2  
Town: Helsinki  
NUTS code: FI1B1 Helsinki-Uusimaa  
Postal code: 00100  
Country: Finland  
Contact person: Sari Aapro  
E-mail: [sari.aapro@helen.fi](mailto:sari.aapro@helen.fi)  
Telephone: +358 96171  
Fax: +358 96172360  
**Internet address(es):**  
Main address: <http://www.helen.fi/index.html>

**I.3. Communication**

The procurement documents are available for unrestricted and full direct access, free of charge, at: <https://tarjouspalvelu.fi/helen>  
Additional information can be obtained from the abovementioned address  
Tenders or requests to participate must be submitted electronically via: <https://tarjouspalvelu.fi/helen?id=240988&tpk=c89de681-5ad7-4464-baaf-7cdb905df4ff>

**I.6. Main activity**

Production, transport and distribution of gas and heat

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**Section II: Object**

**II.1. Scope of the procurement**

**II.1.1. Title**

Procurement for Heat Pump Unit for Helen Ltd Vuosaari Power Plant  
Reference number: 181204

**II.1.2. Main CPV code**

42123000 Compressors

**II.1.3. Type of contract**

Supplies

**II.1.4. Short description**

The scope of supply is one (1) heat pump unit equipped with one or 2 turbo compressor and with minimum of 9,5 MW cooling capacity.

#### **II.1.5. Estimated total value**

#### **II.1.6. Information about lots**

This contract is divided into lots: no

### **II.2. Description**

#### **II.2.2. Additional CPV code(s)**

42123000 Compressors

#### **II.2.3. Place of performance**

NUTS code: FI1B1 Helsinki-Uusimaa

#### **II.2.4. Description of the procurement**

The scope of supply is one (1) heat pump unit equipped with one or 2 turbo compressor and with minimum of 9,5 MW cooling capacity. Refrigerant R1234ze. The heat pump must be designed with the values described below: Cooling capacity (winter) 9,5 MW, District heating water out (max) 82 oC, District heating water in 43 oC, Intermediate/evaporator circuit temperatures (winter) 24 oC /18 oC, Intermediate/evaporator circuit temperatures (summer) 8oC /3 oC,  $\Delta T_{min}$  in district heating circuit 22 oC. The heat pump shall be designed with the possibility to use the sea water as the heat source during the time when the power plants are offline (seawater runs in its own circuit). The heat pump shall be designed with the possibility of minimum cooling capacity 9,5 MW when the outlet temperature in district heating circuit is 65 oC.

Condenser: Required heating capacity 11-15 MW. Tube material carbon steel.

Evaporator: Required cooling capacity minimum 9,5 MW. Tube material carbon steel.

Maximum dimensions of the heat pump unit: 12 m x 6 m x 5 m (length x width x height).

Supply voltage 6kV or 10 kV for the electric motor (will be determined in negotiations later).

The control range of the heat pump shall be 30-100 %. Cooling COP minimum 3,5 and heating COP minimum 4 when district heating water out is 65 oC. Maximum allowable power supply for heat pump 3,8 MVA. The tender candidate must present references of previous deliveries similar to this procurement. The scope of supply must be fully completed with test runs done by summer 2022. The schedule will be defined more closely at the later stage of the bidding competition.

Availability of service: the supplier must be able to have an independent service at the heat pump station no later than within 48 hours after receiving a call from the client. This is essential from the standpoint of minimizing losses due to the production shutdown. The heat pump shall be designed in accordance with the EN standards and pressure equipment directive requirements. The heat pump unit in the scope of this procurement is one technical entity which cannot be divided into lots.

#### **II.2.5. Award criteria**

Price is not the only award criterion and all criteria are stated only in the procurement documents

#### **II.2.6. Estimated value**

#### **II.2.7. Duration of the contract, framework agreement or dynamic purchasing system**

Duration in months: 36

This contract is subject to renewal: no

#### **II.2.10. Information about variants**

Variants will be accepted: no

#### **II.2.11. Information about options**

Options: yes

Description of options:

Critical spare parts for the use of 10 years and operational spare parts for the use of 2 years.

One filling of the refrigerant for the heat pump.

#### **II.2.13. Information about European Union funds**

The procurement is related to a project and/or programme financed by European Union funds:  
no

#### **II.2.14. Additional information**

### **Section III: Legal, economic, financial and technical information**

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#### **III.1. Conditions for participation**

##### **III.1.1. Suitability to pursue the professional activity, including requirements relating to enrolment on professional or trade registers**

List and brief description of conditions:

The supplier shall, before the agreement is signed, give following valid documents (no older than 3 months) in Finnish or in English:

- 1) Extract from the trade register or relevant verification according to the tenderer's local legislation.
- 2) A certificate of taxes paid from the supplier's local tax authority or an account that a payment agreement has been made on overdue tax payments;
- 3) Certificates of pension insurance and payment of pension insurance premiums or an account that a payment agreement has been made on overdue pension payments;
- 4) A description of the collective agreement used;
- 5) Copy of the occupational injury insurance;
- 6) A description of occupational health care. (See websites: <https://www.tilaajavastuu.fi/en/act-on-the-contractors-obligations-and-liability-when-work-is-contracted-out/>) The supplier shall comply with the provisions of the Act on Posting Workers (447/2016). IF there were posted workers, the supplier shall set (before signing the contract) a representative in Finland, who shall have an address in Finland and who speaks Finnish. The supplier shall deliver (before signing the contract) among others certificates of accident and pension insurances of the posted workers working at the purchaser's site in Finland.

##### **III.1.2. Economic and financial standing**

List and brief description of selection criteria:

The tenderer candidate shall have sufficient economical and financial conditions to accomplish the project described in this EU announcement. The tenderer candidate shall have rating class according to Suomen Asiakastieto Oy (if available) at least A+ or it will be considered same according to financial statement analysis of last two (2) fiscal period. The tenderer candidate who has rating C or similar according to financial statement analysis shall be disqualified. The tenderer candidate who has rating A or B or similar according to financial statement analysis may be disqualified. The tenderer candidate shall have liability insurance. See 'Other terms of the call for tenders'.

##### **III.1.3. Technical and professional ability**

List and brief description of selection criteria:

See Tarjouspalvelu.fi

#### **III.1.4. Objective rules and criteria for participation**

List and brief description of rules and criteria:

See Tarjouspalvelu.fi

#### **III.1.6. Deposits and guarantees required**

See Tarjouspalvelu.fi

#### **III.1.7. Main financing conditions and payment arrangements and/or reference to the relevant provisions governing them**

See Tarjouspalvelu.fi

#### **III.1.8. Legal form to be taken by the group of economic operators to whom the contract is to be awarded**

In a case that a tenderer candidate is participating as a consortium, the tenderer must establish that the requirements concerning economical and financial situation, technical capacity, professional competency as well as the other requirements provided on this announcement are fulfilled. Furthermore, the tenderer candidate is required to clarify the relationships between the consortium parties, nominate the consortium party responsible for management and to specify the responsibilities between the consortium parties in carrying out the contract.

### **III.2. Conditions related to the contract**

#### **III.2.2. Contract performance conditions**

The supplier shall, before the agreement is signed, give valid documentation according to III. 1.1 and an Extract from Criminal Records.

## **Section IV: Procedure**

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### **IV.1. Description**

#### **IV.1.1. Type of procedure**

Negotiated procedure with prior call for competition

#### **IV.1.3. Information about a framework agreement or a dynamic purchasing system**

#### **IV.1.4. Information about reduction of the number of solutions or tenders during negotiation or dialogue**

Recourse to staged procedure to gradually reduce the number of solutions to be discussed or tenders to be negotiated

#### **IV.1.8. Information about the Government Procurement Agreement (GPA)**

The procurement is covered by the Government Procurement Agreement: yes

### **IV.2. Administrative information**

#### **IV.2.2. Time limit for receipt of tenders or requests to participate**

Date: 28/06/2019 Local time: 23:30

#### **IV.2.3. Estimated date of dispatch of invitations to tender or to participate to selected candidates**

#### **IV.2.4.**

## Section VI: Complementary information

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### VI.1. Information about recurrence

This is a recurrent procurement: no

### VI.2. Information about electronic workflows

Electronic ordering will be used

Electronic invoicing will be accepted

Electronic payment will be used

### VI.3. Additional information

### VI.4. Procedures for review

#### VI.4.1. Review body

Official name: Markkinaoikeus

Postal address: Radanrakentajantie 5

Town: Helsinki

Postal code: 00520

Country: Finland

E-mail: [markkinaoikeus@oikeus.fi](mailto:markkinaoikeus@oikeus.fi)

Telephone: +358 295643300

Fax: +358 295643314

Internet address: <http://www.oikeus.fi/markkinaoikeus>

#### VI.4.4. Service from which information about the review procedure may be obtained

Official name: Helen Ltd

Town: HELEN

Country: Finland

E-mail: [helen@helen.fi](mailto:helen@helen.fi)

Internet address: <http://www.helen.fi>

### VI.5. Date of dispatch of this notice

13/06/2019